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EXAMINING GROUP 2676

PATENT

Attorney Docket No. 08831-0057

Confirmation No. 5635

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael Francis Higgins

Application No.: 10/691,200

Filed: October 21, 2003

For: HUE ANGLE CALCULATION SYSTEM AND METHODS

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) **Group Art Unit: 2676**
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) **Examiner: Luu, Matthew**
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Commissioner for Patents
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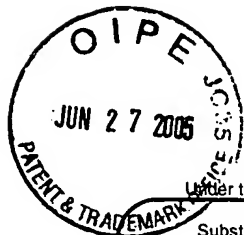
Applicant brings to the attention of the Examiner copies of the PTO SB08A forms recently submitted June 21, 2005 by facsimile with a Request For Continued Examination Under 37 CFR 1.114 in the above referenced matter. These forms are being resubmitted herewith the copies of the foreign references.

Respectfully submitted,

Clairvoyante, Inc

Dated: June 21, 2005

By: /Stuart P. Kaler/
Stuart P. Kaler
Reg. No. 35,913



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/691,200
Filing Date	October 21, 2003
First Named Inventor	HIGGINS, Michael Fra
Art Unit	2676
Examiner Name	LUU, Matthew
Attorney Docket Number	08831.0057

Sheet 1

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,737,843	04-12-1988	Spencer	
		US- 4,946,259	08-07-1990	Matino et. al.	
		US- 5,642,176	06-24-1997	Abukawa et. al.	
		US- 5,661,371	08-26-1997	Salerno et. al.	
		US- 5,724,112	03-03-1998	Yoshida et. al.	
		US- 5,748,828	05-05-1998	Steiner et. al.	
		US- 5,751,268	05-12-1998	Sheridon	
		US- 5,880,707	03-09-1999	Aratani	
		US- 5,899,550	05-04-1999	Masaki	
		US- 5,903,366	05-11-1999	Hirabayashi et. al.	
		US- 5,929,843	07-27-1999	Tanioka	
		US- 5,990,997	11-23-1999	Jones et. al.	
		US- 5,995,669	11-30-1999	Shingu et. al.	
		US- 6,100,872	08-08-2000	Aratani et. al.	
		US- 6,147,728	11-14-2000	Okumura et. al.	
		US- 6,262,698	07-17-2001	Blum	
		US- 6,384,836	05-07-2002	Naylor Jr. et. al.	
		US- 6,453,067	09-17-2002	Morgan et. al.	
		US- 6,459,419	10-01-2002	Matsubayashi	

FOREIGN PATENT DOCUMENTS

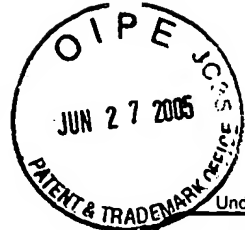
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 01/37251	05-25-2001	Hirano et. al.		
		WO 2004/086128	10-07-2004	Kim et. al.		
		WO 2004/040548	05-13-2004	Ben-Chorin		
		JP 6-261332				
		JP 6-261332		Translation		

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Examiner Name	LUU, Matthew
Attorney Docket Number	08831.0057

Sheet 2

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		Number-Kind Code ² (if known)			
		US- 6,714,212	03-30-2004	Tsuboyama et. al.	
		US- 6,714,243	03-30-2004	Mathur	
		US- 6,724,934	04-20-2004	Lee et. al.	
		US- 6,750,874	06-15-2004	Kim	
		US- 6,771,028	08-03-2004	Winters	
		US- 6,781,626	08-24-2004	Wang	
		US- 5,233,385	08-03-1993	Sampsell	
		US- 5,917,556	06-29-1999	Katayama	
		US- 6,054,832	04-25-2000	Kunzman et. al.	
		US- 6,108,053	08-22-2000	Pettitt et. al.	
		US- 6,256,425	07-03-2001	Kunzman	
		US- 6,483,518	11-19-2002	Perry et. al.	
		US- 6,536,904	03-25-2003	Kunzman	
		US- 5,694,186	12-02-1997	Yanagawa et. al.	
		US- 5,845,532	12-08-1998	Phillips	
		US- 6,633,302	10-14-2003	Ohsawa et. al.	
		US- 6,360,008	03-19-2002	Suzuki et. al.	
		US- 5,987,165	11-16-1999	Matsuzaki et. al.	
		US- 5,933,253	08-03-1999	Ito et. al.	

FOREIGN PATENT DOCUMENTS

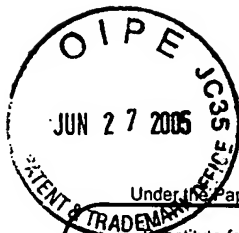
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Examiner Name	LUU, Matthew
Attorney Docket Number	08831.0057

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		Number-Kind Code ² (if known)			
		US- 5,731,818	03-24-1998	Wan et. al.	
		US- 5,724,442	03-03-1998	Ogatsu et. al.	
		US- 5,438,649	08-01-1995	Ruetz	
		US- 5,416,890	05-16-1995	Beretta	
		US- 6,023,527	02-08-2000	Narahara	
		US- 6,297,826	10-02-2001	Semba et. al.	
		US- 5,724,442	03-03-1998	Ogatsu et. al.	
		US- 5,448,652	09-05-1995	Vaidyanathan et. al.	
		US- 4,439,759	03-27-1984	Fleming et. al.	
		US- 5,450,216	09-12-1995	Kassan	
		US- 5,719,639	02-17-1998	Imamura et. al.	
		US- 2003/0179212	09-25-2003	Matsushiro et. al.	
		US- 2003/0058466	03-27-2003	Hoshuyama	
		US- 2003/0117457	06-26-2003	Qiao	
		US- 2005/0031199	02-10-2005	Ben-Chorin et. al.	
		US- 2001/0019382	09-06-2001	Song et. al.	
		US- 2002/0063670	05-30-2002	Yoshinaga et. al.	
		US- 2002/0180688	12-05-2002	Drzaic et. al.	
		US- 2002/0191130	12-19-2002	Liang et. al.	

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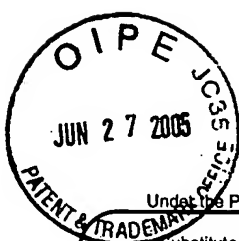
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		US- 2003/0128872	07-10-2003	Lee et. al.	
		US- 2003/0151694	08-14-2003	Lee et. al.	
		US- 2003/0193056	10-16-2003	Takayama et. al.	
		US- 2003/0214499	11-20-2003	Ohsawa et. al.	
		US- 2004/0046725	03-11-2004	Lee	
		US- 2004/0072380	04-15-2004	Yamazaki et. al.	
		US- 2004/0095521	05-20-2004	Song et. al.	
		US- 2004/0169807	09-02-2004	Rho et. al.	
		US- 2004/0179160	09-16-2004	Rhee et. al.	
		US- 2004/0195963	10-07-2004	Choi et. al.	
		US- 2004/0222999	11-11-2004	Choi et. al.	
		US- 2004/0223005	11-11-2004	Lee	
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